

VALVES AND WATER CONTROL

Air-Release Valves / Combination Air Valves

PRODUCT OVERVIEW



An air valve is installed in-line to discharge air from a pipeline or admit air into it.

TECHNICAL SPECIFICATIONS

Product description	Hydromechanical valve used to discharge air from a pipeline or admit air into it
Purpose of use	System efficiency and pipeline safety
Critical statistics	60% of pipeline failures are caused by missing or faulty air valves.
Protection function	Prevents pipe collapse caused by vacuum, system failures due to trapped air and pipeline rupture
Third function (under pressure)	Discharges air bubbles formed during operation. The No-Slam feature prevents water hammer by slowing high-speed closing. Provides high-capacity air discharge and vacuum breaking at low pressure.
Nominal diameter	DN50 - DN400
Nominal pressure	PN10 - PN16
Temperature range	-10°C to +80°C (depending on material)
Body material	Ductile iron, cast iron
Design limits	Discharge differential pressure: 0.1-0.15 bar / vacuum intake differential pressure: 0.2 bar (max.)

Technical values summarise the product family. Options, dimensions and operating limits must be confirmed for the selected model.